55045-1

New Mexico
Traffic Accident Data
1982

New Mexico Transportation Department
Motor Vehicle Division
Traffic Safety Bureau

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INTRODUCTION

This report reviews data about traffic accidents in New Mexico from January through December, 1982, and provides some comparisons of the 1982 experience with previous years and with national accident rates. Accident occurrences are characterized in many different ways. Tables for those who seek reference information are accompanied by simple graphic illustrations of the same data for others who desire only an impressionistic understanding of the material. Maps are provided where geographic perspective is useful.

These data are gathered from traffic accident reports completed by the hundreds of police officers across the state, to whom a great debt is owed. This body of data was compiled in Santa Fe by the New Mexico Motor Vehicle Division Accident Records Center, which provided it to the Division of Government Research at the University of New Mexico. The information was reprocessed there into a form well-suited to analysis by the computer programs which generated this report.

These statistics cover only reported motor vehicle accidents on public roadways which involved death, personal injury, or $100 or more in property damage according to the investigating officer's judgment. No account is kept of unreported accidents or accidents on private property. Information herein is drawn from uniform accident reports, but please realize that a separate financial responsibility form must be filed with the Motor Vehicle Division for each reported accident.

Because accidents are both common and random, data are occasionally incomplete or imprecise. Major advances in data integrity have been achieved in recent years in New Mexico. Nevertheless, minor discrepancies between table totals occur in a few places due to missing information.

Requests for further information or additional copies of this report should be addressed to:

Traffic Safety Bureau
Motor Vehicle Division
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P.O. Box 1028
Santa Fe, New Mexico 87504-1028

(800) 545-0580 (In-state)
(505) 827-4776 (Out of state)

DEFINITIONS

Some special terms are used throughout this report. The following list is provided to help clarify the terms.

GENERAL TERMS

1. Vehicle Miles - the number of miles traveled by a motor vehicle. This is a common unit used to measure traffic activity and rates.

2. Traffic Accident - an accident involving one or more motor vehicles.

3. Alcohol-involved - an accident in which a DWI citation was issued or in which alcohol was listed as a contributing factor on the accident report.

4. Urban - an area with a population of 2,500 or more.

5. Rural - an area with a population of less than 2,500.

6. Local Resident - a person whose residence is within a 25 mile radius of the accident site.

7. Fatal - designates an accident where one or more persons were killed.

8. Injury - designates an accident where one or more persons were injured.

9. Property Damage Only - designates an accident involving no injuries or fatalities.

10. Killed - the number of persons killed in an accident, as opposed to the number of accidents in which people were killed. The term fatalities is also used.

11. Injured - the number of persons injured in an accident, as opposed to the number of accidents in which people were injured.

ACCIDENT CLASSES

1. Collision - accidents are broken into categories based on the first object the vehicle collided with.

   a. Fixed Object - fixed objects are any objects that cannot be moved such as a building, sign or fence.

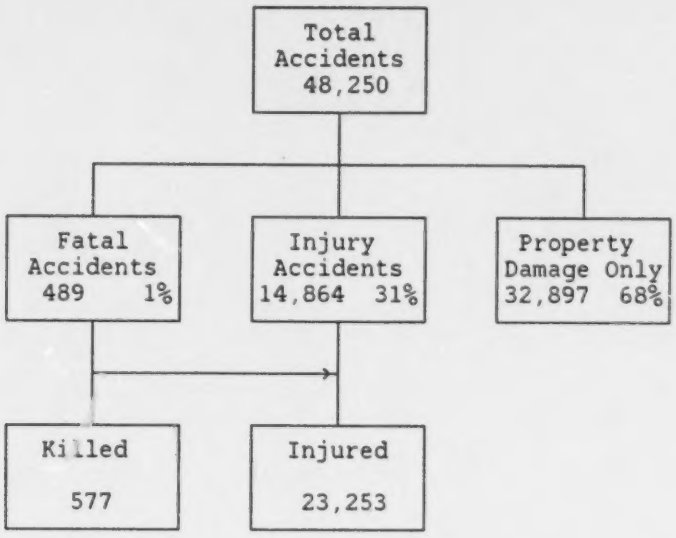
   b. Other Object - an object that is movable or moving, but not fixed.

2. Non-Collision

   a. Overturn - an accident where the vehicle overturned for any reason without a preceding incident.

   b. Other Non-Collision - an accident where the vehicle does not overturn or collide with any other vehicle or object.

1.1 New Mexico Accidents by Severity, 1982



In 1982....

A traffic accident occurred every 11 minutes.

One person was injured in traffic every 23 minutes.

One person was killed in traffic every 15 hours.

1.2 New Mexico Accident Facts

* 577 people died in 1982 New Mexico traffic accidents (table 1.3)

* Twice as many fatal accidents occurred in July as in February (table 2.1)

* Fridays between 4 and 5 PM is the least safe time to drive in urban areas (table 2.5)

* 77% of New Mexico's accidents happened in urban areas (table 3.1)

* 31% of New Mexico's accidents occurred in Bernalillo County (table 3.2)

* NM 22 in Santa Fe County contained New Mexico's most dangerous stretch of highway (table 3.8)

* Montgomery at San Mateo in Albuquerque is the New Mexico intersection which had the most accidents in 1982 (table 3.7)

* 86% of New Mexico's accidents happened in clear weather (table 4.2)

* 59% of New Mexico's fatal accidents happened at night (table 4.3)

* 67% of drivers in accidents were male (table 6.1)

* 60% of drivers in accidents lived within 25 miles of the accident site (table 6.2)

* Out-of-state drivers constituted 7% of accident involvements (table 6.2)

* 8 licensed drivers in 100 were involved in accidents (table 6.4)

* 47 New Mexicans died in motorcycle accidents (table 10.1)

* 83% of those who died in motorcycle accidents wore no helmet (table 10.2)

* 622 accidents involved pedestrians (table 8.3)

* 43% of alcohol-involved accidents happen on Friday and Saturday (table 9.4)

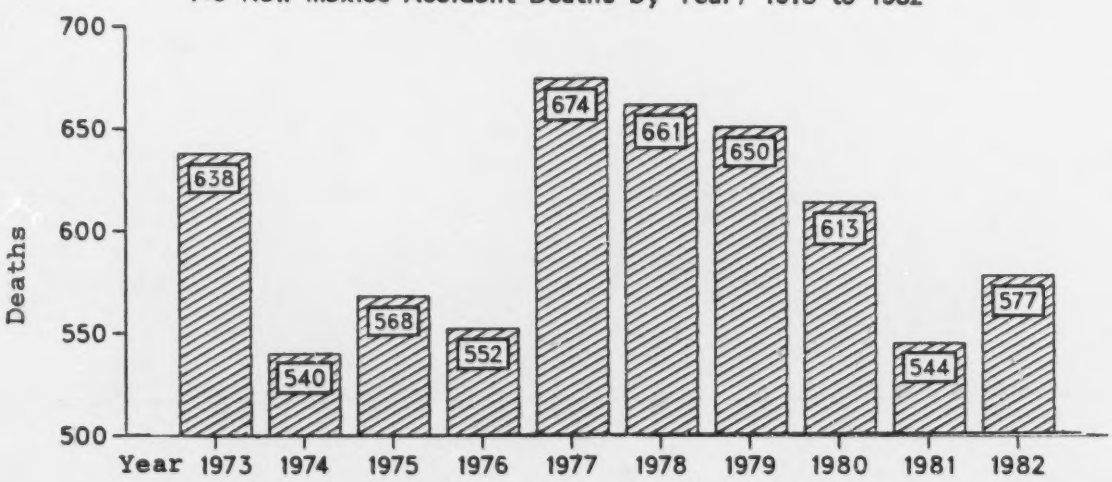
1.3 New Mexico Roadway Statistics, 1973 to 1982

Calendar Year	New Mexico				Death Rate	
	Motor Vehicle Registration	Mvm traveled	Traffic Fatalities	Traffic Injuries	New Mexico	United States
1982	1,204,678**	11,856	577	23,000	4.9	3.0*
1981	1,219,576	11,448	544	23,000	4.7	3.3*
1980	1,185,295	11,156	613	23,000	5.5	3.5*
1979	1,145,083	11,333	650	24,000	5.7	3.5*
1978	1,096,939	11,507	661	24,000	5.6	3.4
1977	1,002,008	11,112	674	21,000	6.1	3.4
1976	976,002	10,524	552	20,000	5.3	3.3
1975	915,852	9,921	568	18,000	5.8	3.4
1974	867,206	9,438	540	16,000	5.7	3.5
1973	832,450	9,468	638	18,000	6.7	4.1

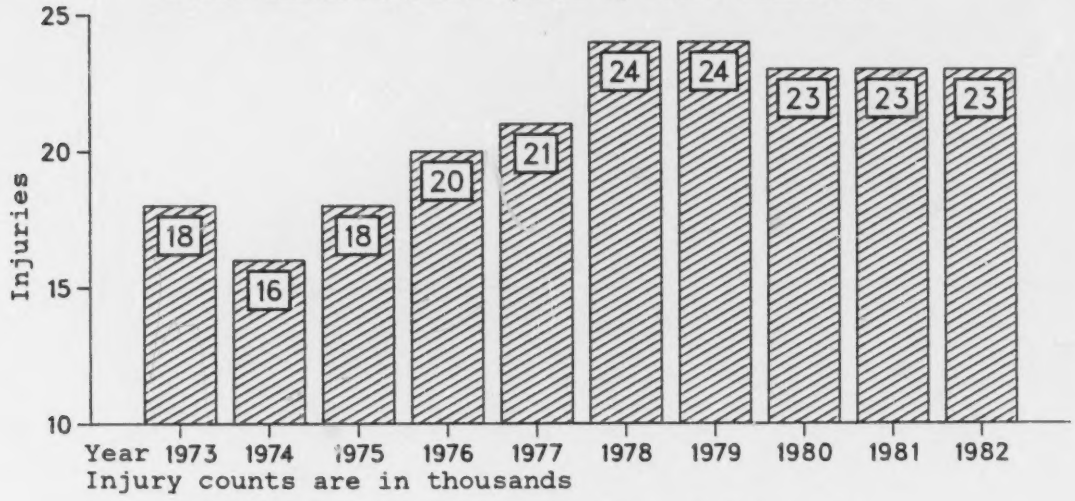
* estimated death rate ** Motor Vehicle Division estimate

1.4 New Mexico and National Death Rates, 1973 to 1982

1.5 New Mexico Accident Deaths by Year, 1973 to 1982

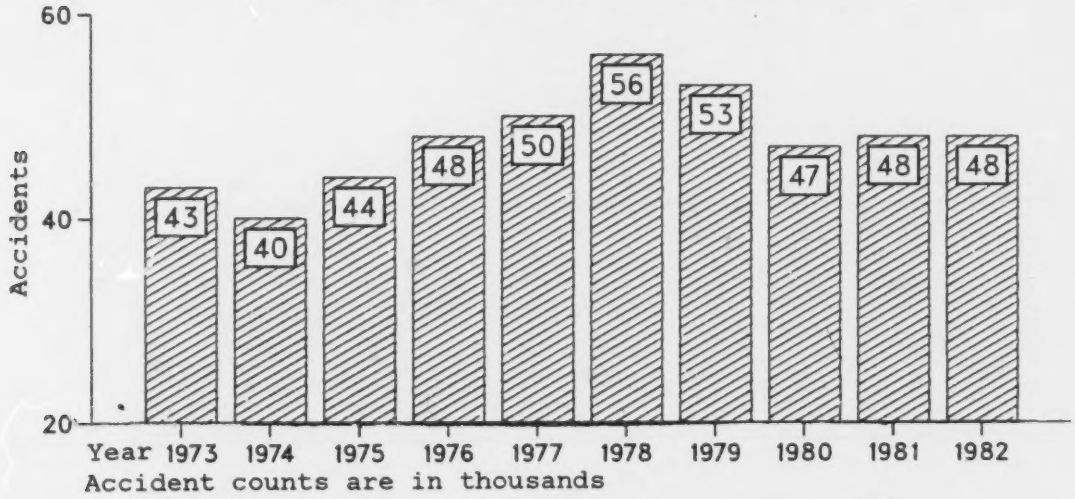


1.6 New Mexico Accident Injuries by Year, 1973 to 1982



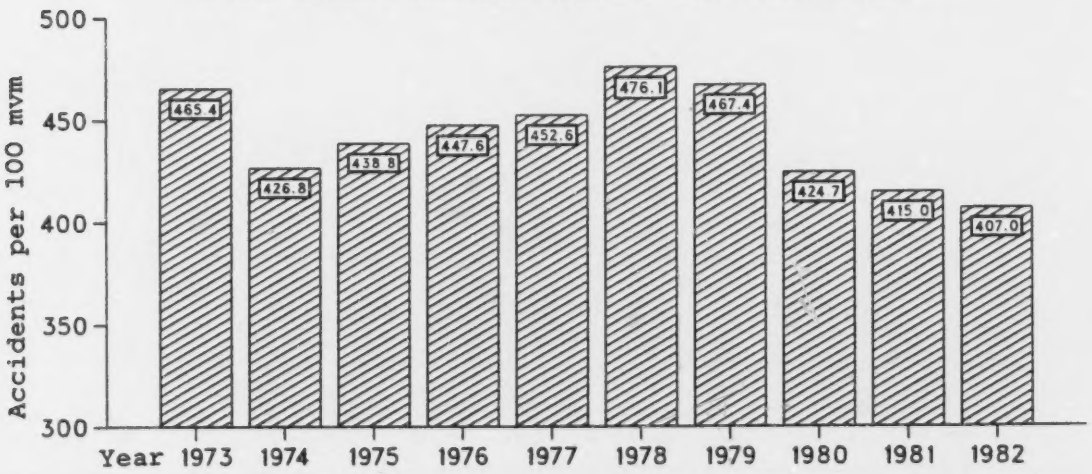
Injury counts are in thousands

1.7 New Mexico Accidents by Year, 1973 to 1982



Accident counts are in thousands

1.8 New Mexico's Accident Rates by Year, 1973 to 1982



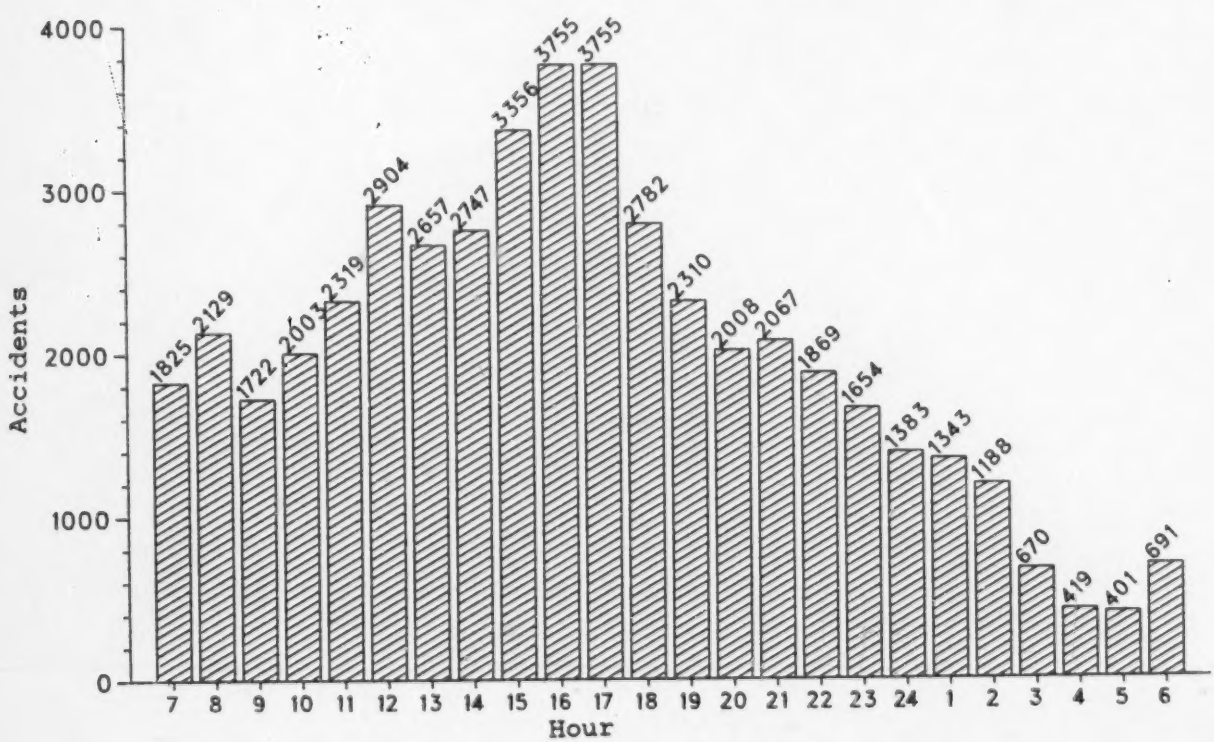
2.1 New Mexico Accidents by Month, 1982

Month	Total	Percent	Fatal	Percent	Total
January	4,161	8.6	33	6.7	
February	3,694	7.7	22	4.5	
March	3,640	7.5	27	5.5	
April	3,693	7.7	41	8.4	
May	4,127	8.6	49	10.0	
June	3,805	7.9	47	9.6	
July	4,032	8.4	50	10.2	
August	3,883	8.0	43	8.8	
September	4,012	8.3	41	8.4	
October	4,175	8.7	48	9.8	
November	3,950	8.2	41	8.4	
December	5,078	10.5	47	9.6	
Total	48,250	100.0	489	100.0	2,000 4,000

2.2 New Mexico Accidents by Day of the Week, 1982

Day	Total	Percent	Fatal	Percent	Total
Sunday	5,455	11.3	93	19.0	
Monday	6,038	12.5	61	12.5	
Tuesday	6,201	12.9	39	8.0	
Wednesday	6,700	13.9	54	11.0	
Thursday	6,865	14.2	64	13.1	
Friday	9,033	18.7	75	15.3	
Saturday	7,958	16.5	103	21.1	
Total	48,250	100.0	489	100.0	2,500 5,000 7,500

2.3 New Mexico Accidents by Hour of the Day, 1982



2.4 New Mexico Accidents During Holiday Periods, 1979 to 1982

Holiday	Total Hours	Beginning (6 p.m.)	Ending (midnight)	Accidents Total	Fatal	Injury	Persons Killed	Injured
Easter								
1979	54	4/13	4/15	384	7	125	7	198
1980	54	4/4	4/6	315	5	99	6	173
1981	54	4/17	4/19	314	2	97	2	165
1982	54	4/9	4/11	308	3	107	6	192
Memorial Day								
1979	78	5/25	5/29	456	5	156	9	242
1980	78	5/23	5/26	452	8	158	14	238
1981	78	5/22	5/25	420	6	143	6	253
1982	78	5/21	5/24	479	5	157	5	253
July 4th								
1979	126	7/3	7/8	693	12	226	13	347
1980	78	7/3	7/6	445	12	163	12	264
1981	78	7/2	7/5	440	10	152	10	258
1982	78	7/2	7/5	466	8	164	9	286
Labor Day								
1979	78	8/31	9/3	489	9	153	10	248
1980	78	8/29	9/1	468	8	159	11	267
1981	78	9/4	9/7	449	4	145	4	256
1982	78	9/3	9/6	470	7	162	8	259
Thanksgiving								
1979	102	11/21	11/25	691	7	213	7	338
1980	102	11/26	11/30	500	8	140	8	233
1981	102	11/25	11/29	567	8	172	12	273
1982	102	11/24	11/28	613	5	173	5	289
Christmas								
1979	102	12/21	12/25	832	13	257	14	416
1980	126	12/23	12/28	653	5	202	6	343
1981	126	12/22	12/27	662	6	191	11	320
1982	102	12/23	12/27	709	4	205	6	330
New Year's								
1979-1980	102	12/28	1/1/80	514	5	158	7	270
1980-1981	126	12/30	1/4/81	669	4	214	4	355
1981-1982	126	12/29	1/3/82	913	8	273	9	472
1982-1983	78	12/30	1/2/83	-	-	-	3	-

- represents data that were not available at printing time.

2.5 New Mexico's Seven Least Safe Hours of the Week, 1982

Urban			Rural		
Day and time	Num.of acc.	% of total	Day and time	Num.of acc.	% of total
1. Friday 4-5 PM	612	1.6	1. Friday 7-8 PM	127	1.2
2. Friday 5-6 PM	606	1.6	2. Saturday 2-3 AM	124	1.1
3. Friday 3-4 PM	543	1.5	3. Saturday 7-8 PM	121	1.1
4. Thursday 4-5 PM	524	1.4	4. Friday 9-10 PM	120	1.1
5. Tuesday 5-6 PM	489	1.3	5. Thursday 5-6 PM	119	1.1
6. Wednesday 5-6 PM	477	1.3	6. Friday 10-11 PM	118	1.1
7. Wednesday 3-4 PM	474	1.3	7. Saturday 6-7 PM	118	1.1

2.6 New Mexico Fatalities by Day, 1982

January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1: 3
2: 2	3: 1	4: 1	5: 2	6	7: 1	8: 1
9: 2	10	11: 3	12: 3	13	14: 1	15: 1
16	17	18: 2	19: 1	20	21: 1	22: 1
23: 4	24: 1	25: 1	26	27	28: 1	29
30: 2	31: 1					

February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4: 5	5: 1
6	7	8: 3	9	10:1	11: 1	12
13: 2	14	15	16	17: 2	18	19
20	21: 3	22	23: 1	24	25	26
27: 3	28: 1					

March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2: 1	3	4	5: 2
6: 1	7: 2	8	9: 2	10	11: 1	12: 4
13: 3	14: 1	15	16	17	18	19: 2
20: 8	21: 4	22	23	24	25	26: 3
27: 3	28	29	30	31		

April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1: 3	2
3: 2	4: 3	5: 5	6	7: 1	8: 2	9: 8
10: 1	11: 1	12: 4	13: 7	14	15	16
17: 2	18: 1	19: 2	20: 1	21: 1	22: 1	23
24: 2	25: 3	26: 1	27: 1	28: 2	29	30: 3

May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1: 3	2: 1	3: 1	4	5: 3	6	7: 2
8: 4	9: 2	10: 2	11	12	13	14: 5
15: 6	16: 2	17	18	19: 1	20: 1	21
22: 3	23: 1	24: 1	25: 1	26: 2	27: 4	28: 5
29: 5	30	31: 2				

June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1: 3	2: 2	3: 1	4: 2
5	6: 2	7: 2	8: 2	9: 2	10: 2	11: 6
12: 2	13: 4	14: 1	15	16: 2	17: 1	18: 1
19: 3	20: 3	21: 2	22	23: 1	24: 1	25: 1
26: 2	27: 3	28	29: 1	30		

July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1: 5	2: 4
3: 4	4: 4	5: 1	6	7	8	9: 2
10: 2	11: 3	12: 3	13	14	15: 2	16: 1
17: 2	18: 5	19: 2	20	21: 1	22: 1	23: 1
24: 1	25: 2	26: 3	27: 1	28: 1	29: 3	30
31: 4						

August

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1: 5	2	3: 1	4: 1	5: 1	6: 4
7: 2	8: 1	9	10	11: 1	12: 1	13
14	15: 2	16: 2	17: 2	18: 3	19: 2	20: 1
21: 2	22: 2	23	24	25: 1	26: 1	27: 2
28: 2	29: 2	30: 3	31: 3			

September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1: 1	2: 2	3: 2
4: 5	5: 2	6	7	8: 1	9: 1	10: 1
11	12: 5	13: 3	14	15: 2	16	17: 2
18: 4	19	20: 3	21	22: 4	23: 3	24: 1
25: 2	26: 2	27: 1	28	29: 1	30: 1	

October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2: 6	3: 5	4: 1	5: 4	6: 5	7: 1	8: 1
9: 2	10: 2	11: 2	12: 3	13: 1	14	15: 2
16	17: 4	18: 3	19	20	21	22: 3
23: 2	24: 1	25	26: 1	27	28: 2	29
30: 2	31: 2					

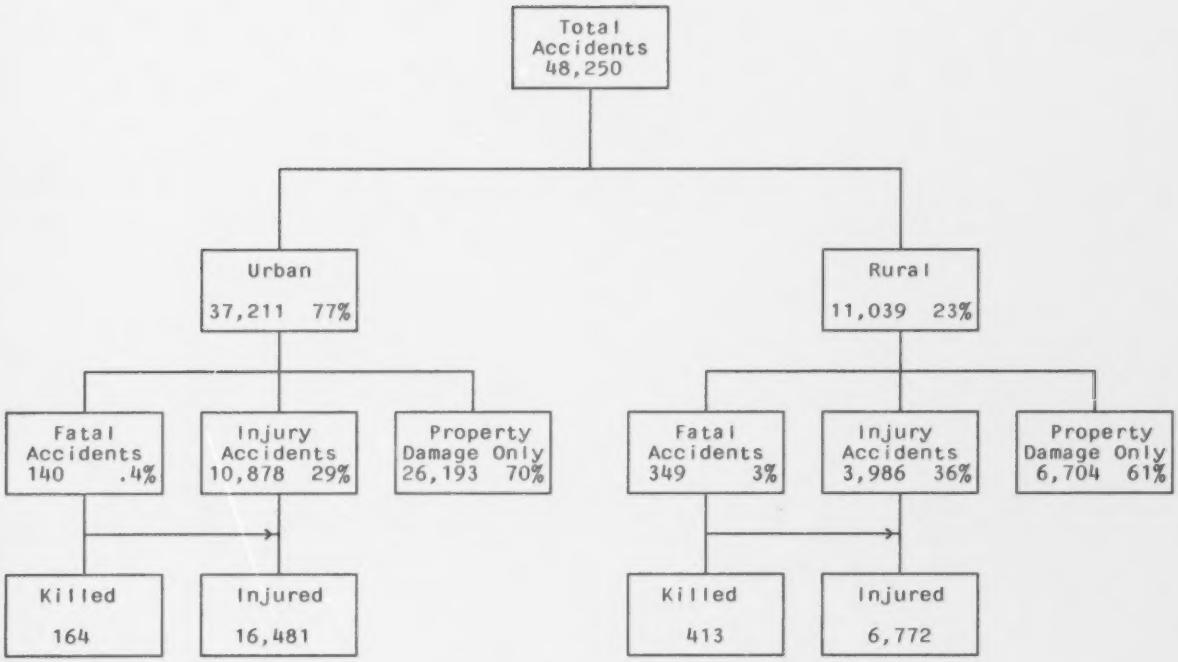
November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2: 2	3	4: 3	5: 4
6: 4	7: 1	8: 2	9: 3	10	11	12: 1
13: 2	14: 2	15: 1	16	17	18: 2	19: 3
20: 1	21: 3	22: 1	23: 1	24	25: 1	26
27	28: 4	29: 2	30: 1			

December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1: 3	2: 3	3
4: 1	5: 3	6: 1	7	8: 2	9: 1	10: 5
11: 5	12: 1	13: 1	14	15: 2	16: 3	17: 2
18	19: 2	20	21: 1	22: 8	23: 7	24
25: 1	26	27: 1	28	29: 4	30: 3	31: 2

3.1 New Mexico Accidents by Road System, 1982



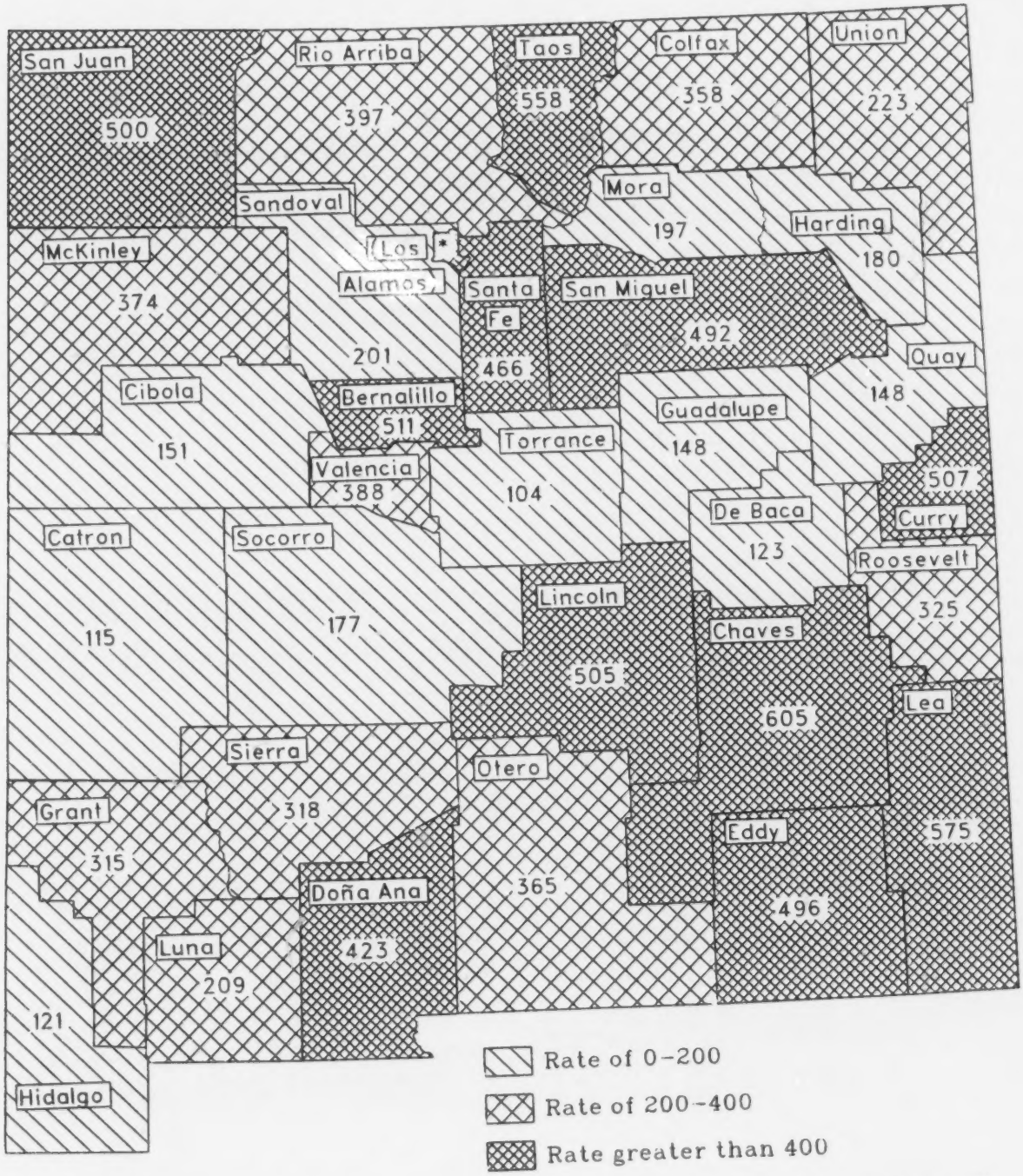
3.2 New Mexico Accidents by County, 1982

County	Accidents				People		Rates		
	Total	Fatal	Injury	Property damage	Killed	Injured	Accident rate	Death rate	100 Mvm
Bernalillo	14,999	66	5,088	9,845	79	7,754	511.21	2.69	29.34
Catron	62	2	20	40	2	30	114.81	3.70	0.54
Chaves	2,385	15	747	1,623	21	1,140	605.33	5.33	3.94
Cibola	745	15	223	507	17	351	151.42	3.46	4.92
Colfax	601	5	137	459	6	232	357.74	3.57	1.68
Curry	1,365	11	304	1,050	16	453	507.43	5.95	2.69
De Baca	79	1	19	59	1	26	123.44	1.56	0.64
Dona Ana	3,232	23	1,029	2,180	25	1,597	423.04	3.27	7.64
Eddy	1,786	16	506	1,264	18	774	496.11	5.00	3.60
Grant	822	12	228	582	13	344	314.94	4.98	2.61
Guadalupe	377	6	136	235	6	235	147.84	2.35	2.55
Harding	27	1	16	10	1	20	180.00	6.67	0.15
Hidalgo	146	2	35	109	2	48	120.66	1.65	1.21
Lea	2,735	27	783	1,925	32	1,139	574.58	6.72	4.76
Lincoln	879	10	273	596	10	427	505.17	5.75	1.74
Los Alamos	453	1	105	347	1	153	508.99	1.12	0.89
Luna	520	9	161	350	11	268	208.84	4.42	2.49
McKinley	2,354	40	600	1,714	53	1,069	374.24	8.43	6.29
Mora	116	4	46	66	4	89	196.61	6.78	0.59
Otero	1,372	13	414	945	15	620	364.89	3.99	3.76
Quay	402	10	129	263	11	209	148.34	4.06	2.71
Rio Arriba	1,037	21	401	615	24	655	397.32	9.20	2.61
Roosevelt	536	8	102	426	12	163	324.85	7.27	1.65
Sandoval	709	19	271	419	20	490	201.42	5.68	3.52
San Juan	3,466	47	983	2,436	53	1,626	500.14	7.65	6.93
San Miguel	935	12	219	704	12	331	492.11	6.32	1.90
Santa Fe	3,169	33	1,065	2,071	36	1,743	466.72	5.30	6.79
Sierra	337	11	95	231	16	157	317.92	15.09	1.06
Socorro	424	9	123	292	9	172	177.41	3.77	2.39
Taos	938	16	255	667	20	391	558.33	11.90	1.68
Torrance	245	6	75	164	6	128	104.26	2.55	2.35
Union	194	4	35	155	8	54	222.99	9.20	0.87
Valencia	803	14	241	548	17	365	387.92	8.21	2.07
Total	48,250	489	14,864	32,897	577	23,253	406.97	4.87	118.56

3.3 New Mexico Accidents in Pueblos and Reservations, 1982

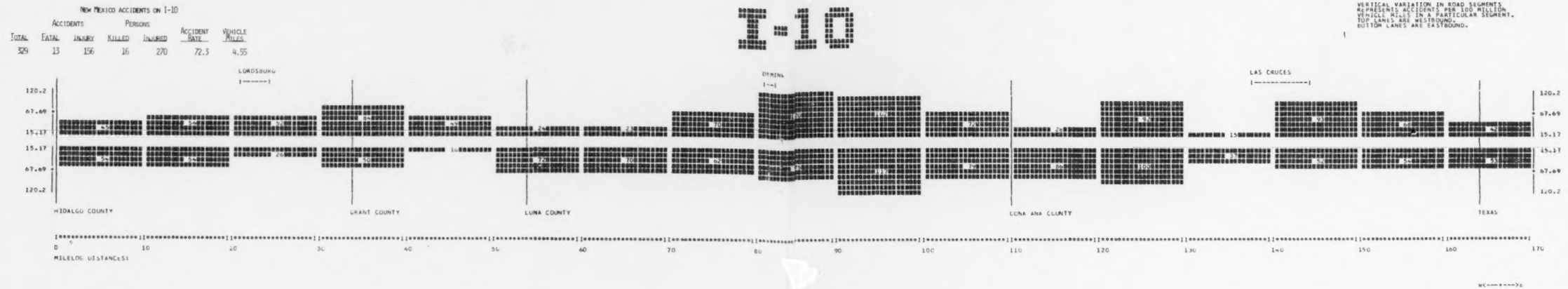
Pueblo or Reservation	Accidents				Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Acoma	49	1	23	25	2	36
Alamo Navajo	2	0	0	2	0	0
Canoncito Navajo	1	0	0	1	0	0
Cochiti	4	1	0	3	1	0
Isleta	27	3	12	12	3	20
Jemez	15	1	6	8	1	13
Jicarilla Apache	32	1	5	26	1	6
Laguna	148	8	56	84	8	93
Mescalero Apache	78	1	41	36	1	65
Nambe	7	1	3	3	1	4
Navajo	259	7	92	160	10	164
Picuris	34	2	13	19	2	23
Pojoaque	70	3	29	38	3	51
Ramah Navajo	6	0	1	5	0	1
Sandia	18	0	13	5	0	21
San Felipe	34	4	16	14	4	32
San Ildefonso	27	1	9	17	1	11
San Juan	49	2	34	13	2	55
Santa Ana	22	0	14	8	0	35
Santa Clara	40	2	14	24	3	21
Santo Domingo	23	2	9	12	2	28
Taos Pueblo	5	0	3	2	0	6
Tesuque	29	3	9	17	3	21
Zia	25	3	10	12	3	25
Zuni	36	3	10	23	3	28

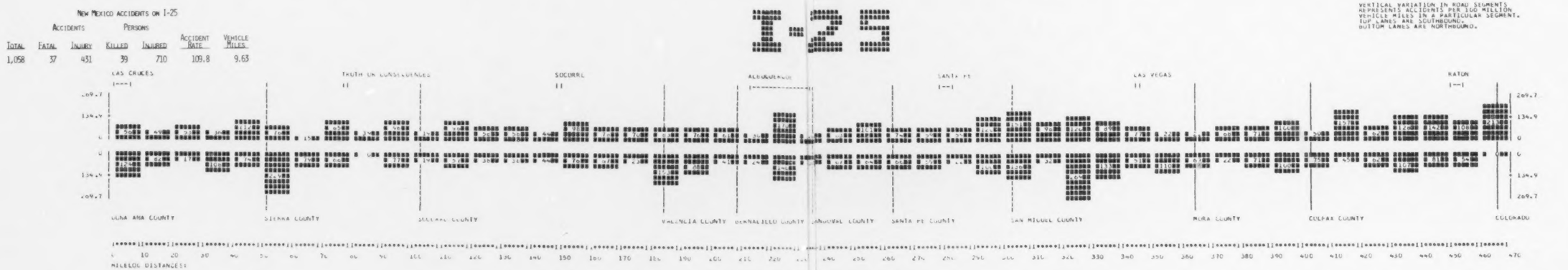
3.4 New Mexico Accident Rates by County, 1982

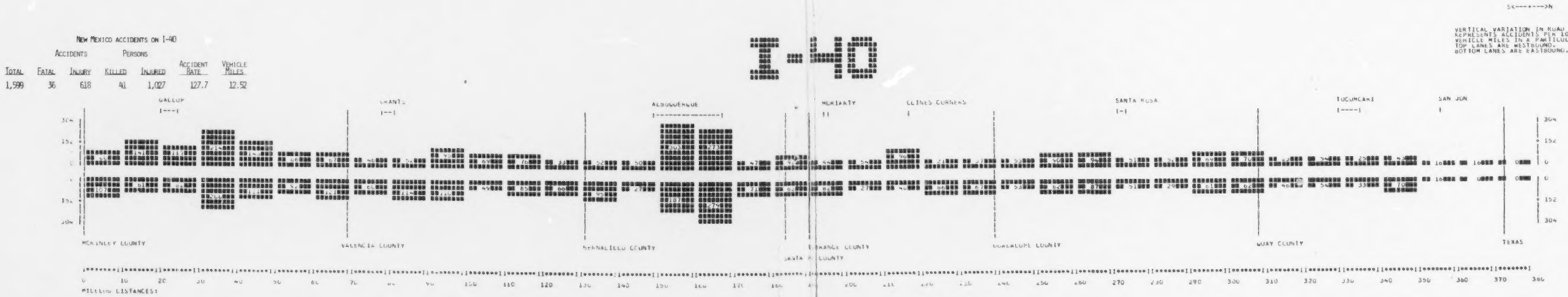


* Los Alamos rate is 509

3.5 New Mexico Interstate Highway Accident Rates, 1982







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3.6 New Mexico Accidents by City, 1982

City	Accidents				Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Alamogordo	863	2	222	639	2	300
Albuquerque	14,648	54	4,942	9,652	67	7,529
Anthony	15	0	4	11	0	7
Artesia	494	2	112	380	2	178
Aztec	158	0	27	131	0	45
Bayard	46	1	14	31	1	24
Belen	268	0	57	211	0	90
Bernalillo	79	0	16	63	0	21
Bloomfield	184	4	44	136	5	76
Bosque Farms	53	1	21	31	1	29
Capitan	15	0	6	9	0	11
Carlsbad	913	3	265	645	3	379
Carrizozo	19	0	3	16	0	5
Causey	1	0	1	0	0	2
Central	11	0	6	5	0	8
Chama	3	0	1	2	0	2
Cimarron	10	0	1	9	0	1
Clayton	111	0	14	97	0	22
Cloudcroft	22	0	8	14	0	24
Clovis	1,174	6	241	927	6	343
Columbus	2	0	0	2	0	0
Corona	4	0	1	3	0	1
Corrales	61	0	27	34	0	36
Cuba	3	0	1	2	0	1
Deming	340	0	84	256	0	133
Des Moines	5	0	1	4	0	1
Dexter	3	0	2	1	0	2
Eagle Nest	3	0	0	3	0	0
Elida	2	0	0	2	0	0
Encino	2	0	0	2	0	0
Espanola	506	2	171	333	2	293
Estancia	7	0	1	6	0	1
Eunice	60	0	8	52	0	11
Farmington	2,072	8	574	1,490	8	882
Floyd	1	0	1	0	0	2
Folsom	1	0	1	0	0	2
Fort Sumner	33	0	10	23	0	12
Gallup	1,429	5	271	1,153	5	460
Grants	348	3	87	258	3	132
Hagerman	10	1	0	9	1	5
Hatch	32	0	4	28	0	5
Hobbs	1,649	4	485	1,160	4	694
Hope	1	0	0	1	0	0
House	2	0	1	1	0	1
Hurley	8	0	1	7	0	2
Jal	31	1	9	21	2	13
Jemez Springs	9	0	5	4	0	6

3.6 New Mexico Accidents by City, 1982

City	Accidents				Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Lake Arthur	1	0	1	0	0	2
La Mesilla	45	0	9	36	0	10
Las Cruces	2,295	3	679	1,613	3	1,022
Las Vegas	695	1	112	582	1	163
Logan	14	0	3	11	0	5
Lordsburg	60	0	6	54	0	7
Los Alamos	445	1	101	343	1	145
Los Lunas	125	2	49	74	2	69
Loving	1	0	0	1	0	0
Lovington	459	3	91	365	3	121
Magdalena	2	0	1	1	0	1
Maxwell	2	0	0	2	0	0
Melrose	5	0	1	4	0	1
Milan	54	0	11	43	0	20
Moriarty	14	0	5	9	0	7
Mosquero	4	0	2	2	0	2
Mountainair	4	0	0	4	0	0
Pecos	4	0	1	3	0	1
Portales	375	0	52	323	0	68
Questa	25	0	7	18	0	11
Raton	336	0	67	269	0	95
Red River	30	0	10	20	0	15
Rio Rancho	101	0	36	65	0	53
Roswell	1,856	5	583	1,268	9	859
Roy	2	0	0	2	0	0
Ruidoso	506	2	147	357	2	221
Ruidoso Downs	34	1	5	28	1	9
San Jon	1	0	0	1	0	0
San Ysidro	9	0	2	7	0	2
Santa Fe	2,205	10	719	1,476	11	1,151
Santa Rosa	109	1	20	88	1	26
Shiprock	97	3	25	69	3	39
Silver City	418	2	81	335	2	117
Socorro	237	2	55	180	2	74
Springer	21	0	4	17	0	4
Taos	357	2	80	275	3	109
Tatum	29	0	5	24	0	7
Texico	24	0	9	15	0	16
Tijeras	5	0	4	1	0	6
Truth or Consequences	169	2	36	131	5	53
Tucumcari	235	2	79	154	2	125
Tularosa	53	0	17	36	0	24
Vaughn	21	1	5	15	1	14
Wagon Mound	5	0	2	3	0	4
Willard	2	0	0	2	0	0
Williamsburg	9	0	6	3	0	12

3.7 New Mexico's Seven Least Safe Intersections, 1982

City	Intersection	Number of accidents		
		Total	Fatal	Injury
Albuquerque	Montgomery at San Mateo	82	0	36
Albuquerque	Montgomery at I-25 East Frontage Rd	69	0	23
Farmington	Butler at Main	69	0	17
Albuquerque	Juan Tabo at Lomas	66	0	29
Albuquerque	Menaul at San Mateo	61	0	18
Las Cruces	El Paseo at Idaho	61	0	16
Farmington	Main at San Juan	60	0	17

New Mexico intersections with 30 or more accidents in three years were ranked by the total number of accidents in October, 1981, through September, 1982. Naturally, the busiest intersections also tend to have the most accidents.

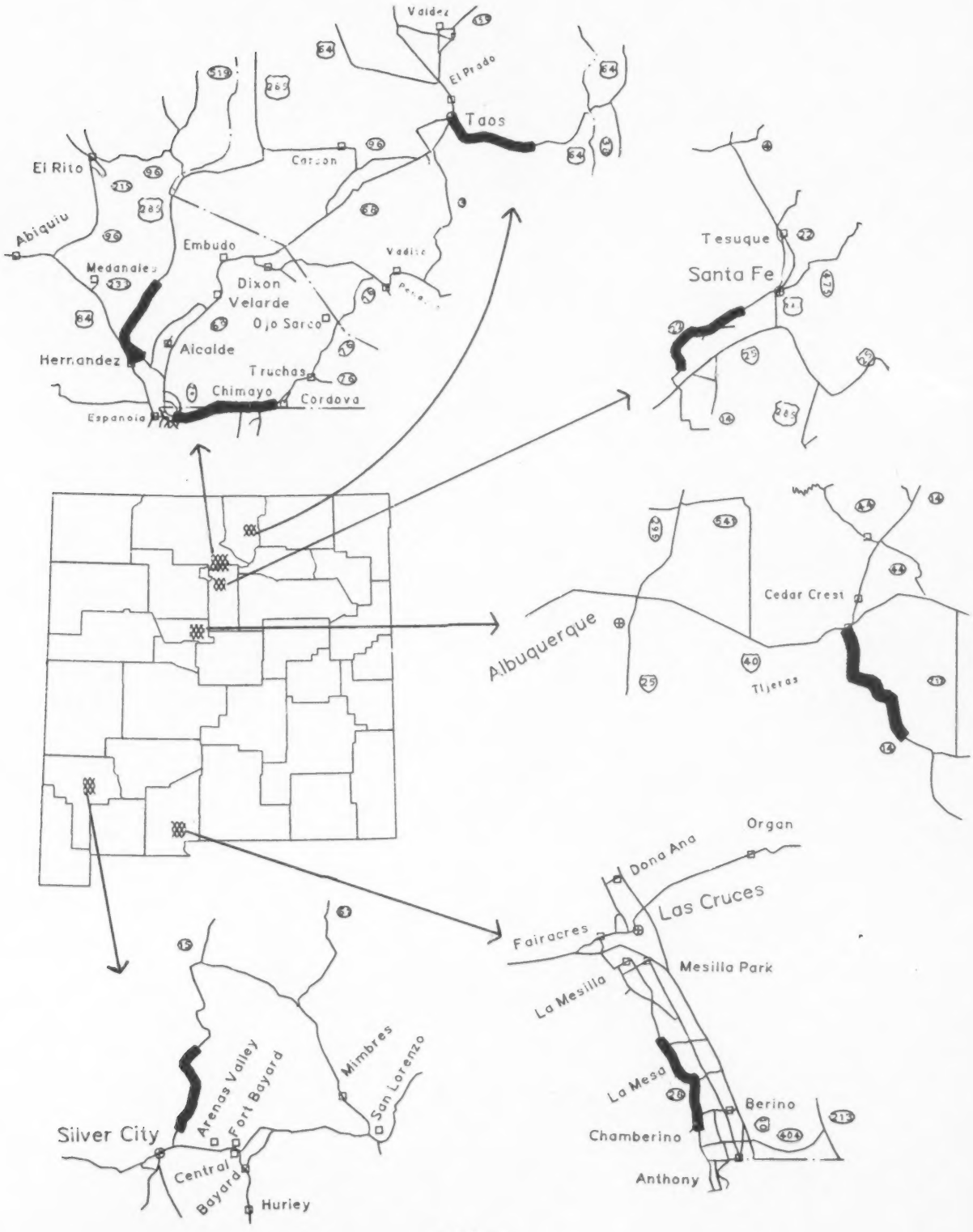
3.8 New Mexico's Seven Least Safe Rural Highway Segments, 1982

Highway	Mile	County	Accidents				Acc rate	Thousand vehicle miles
			Total	Fatal	Injury	Alcohol		
1. NM22	20 to 30	Santa Fe	28	2	10	9	1383.0	2,025
2. NM15	0 to 10	Grant	22	0	11	7	948.9	2,318
3. NM76	0 to 10	Santa Fe	101	0	46	29	690.7	14,622
4. NM28	10 to 20	Dona Ana	31	0	16	6	568.8	5,451
5. US64	0 to 10	Taos	34	1	12	5	534.7	6,359
6. NM14	110 To 120	Bernalillo	20	0	13	4	429.0	4,663
7. US285	0 to 10	Rio Arriba	16	1	10	3	426.0	3,755

(Rate is accidents per 100 million vehicle miles)

This highway segment ranking was done on the basis of rates, accidents per 100 million vehicle miles, and therefore does not necessarily correspond to the most heavily traveled segments. Accident counts are for October, 1981, through September, 1982.

3.9 Map of New Mexico's Least Safe Highway Segments, 1982



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4.1 New Mexico Accidents by Class, 1982

Class	Accidents					Persons	
	Total	% of Total	Fatal	% of Fatal	Injury	Killed	Injured
Other vehicle	29,531	61.20	154	31.49	9,063	214	15,338
Pedestrian	622	1.29	91	18.61	531	93	592
Fixed object	6,795	14.08	52	10.63	1,895	62	2,517
Veh. on other road	27	0.06	1	0.20	11	1	26
Parked vehicle	5,009	10.38	9	1.84	550	11	763
Overturn	3,917	8.12	164	33.54	1,982	177	3,058
Other non-collision	967	2.00	3	0.61	353	3	418
Pedalcyclist	406	0.84	9	1.84	337	10	355
Railroad train	20	0.04	2	0.41	5	2	7
Animal	750	1.55	4	0.82	99	4	134
Other object	206	0.43	0	0	38	0	45
Total	48,250	100	489	100	14,864	577	23,253

4.2 New Mexico Accidents by Weather, 1982

Weather Condition	Accidents				Persons	
	Total	Fatal	Injury	Property damage	Killed	Injured
Clear	41,409	435	12,931	28,043	503	20,129
Rain	2,916	25	887	2,004	37	1,447
Snow,Sleet	2,553	19	615	1,919	24	1,006
Fog	151	1	45	105	1	74
Dust,Wind	617	7	199	411	10	302
Other	496	2	149	345	2	236
Total	48,142	489	14,826	32,827	577	23,194

4.3 New Mexico Accidents by Lighting, 1982

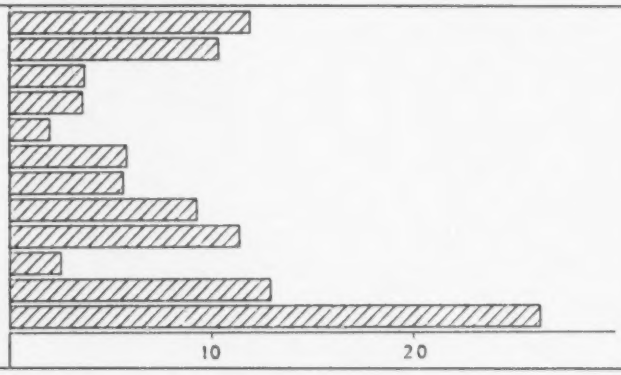
Light Condition	Accidents				Persons	
	Total	Fatal	Injury	Property damage	Killed	Injured
Daylight	30,189	185	8,905	21,099	212	13,726
Dawn	420	8	131	281	8	219
Dusk	1,416	7	484	925	7	728
Dark,lighted	8,677	57	2,776	5,844	64	4,425
Dark,unlighted	7,322	230	2,515	4,577	283	4,075
Other,unknown	189	1	40	148	2	63
Total	48,213	488	14,851	32,874	576	23,236

4.4 New Mexico Fixed Object Accidents, 1982

Object	Accidents			Persons	
	Total	Fatal	Injury	Killed	Injured
Barricade	37	0	8	0	8
Bridge or pier	73	1	24	1	36
Building	223	0	53	0	65
Cattle guard	39	0	11	0	16
Culvert or drain	174	3	78	3	120
Embankment	378	3	173	3	253
Fence	1,724	4	325	5	411
Guard rail or post	506	6	175	7	221
Median or curb	495	2	143	3	170
Sign, pole, meter, hydrant	1,752	10	480	12	640
Tree	385	11	162	13	238
Other or unknown	1,009	12	263	15	339
Total	6,795	52	1,895	62	2,517

4.5 New Mexico Accident Contributing Factors, 1982

	% of involvements
Excessive speed	11.9
Failure to yield	10.3
Disregard traffic control	3.7
Drove left of center	3.6
Improper overtaking	2.0
Follow too close	5.8
Improper turn	5.6
Alcohol involved	9.3
Other improper driving	11.4
Mechanical defects	2.5
Driver inattention	12.9
Other	26.3



4.6 New Mexico Accidents Involving Vehicle or Road Defects, 1978-1982

Year	All accidents	Vehicle defects	Road defects	% with vehicle defects	% with road defects
1982	48,250	2,092	470	4.3	1.0
1981	47,505	2,313	418	4.9	0.9
1980	47,407	2,063	386	4.4	0.8
1979	52,906	2,400	513	4.5	1.0
1978	55,738	2,529	1,254	4.5	2.2

5.1 New Mexico Accident Involvements by Vehicle Type, 1982

Vehicle type	Total	Fatal	Injury	Total involvements
Passenger car	53,897	344	16,455	
Pickup	19,548	180	5,420	
Semi	1,703	57	534	
Bus	414	4	92	
Motorcycle	1,989	45	1,584	
Pedalcyclist	404	11	336	
Pedestrian	684	100	581	
Van or 4WD	3,424	28	985	
Other	4,620	31	851	
Total	86,683	800	26,838	13,500 27,000 40,500

6.1 New Mexico Accident Driver Age and Sex, 1982

Age	Total	Male	Female	Total
Under 15	759	536	223	
15-19	13,580	9,004	4,576	
20-24	15,048	10,360	4,688	
25-29	11,374	7,695	3,679	
30-34	8,824	5,803	3,021	
35-39	6,034	3,894	2,140	
40-44	4,317	2,762	1,555	
45-49	3,321	2,202	1,119	
50-54	3,102	2,097	1,005	
55-59	2,683	1,732	951	
60-64	2,258	1,542	716	
65 and over	4,615	3,051	1,564	
Total	75,915	50,678	25,237	5,000 10,000 Male Female

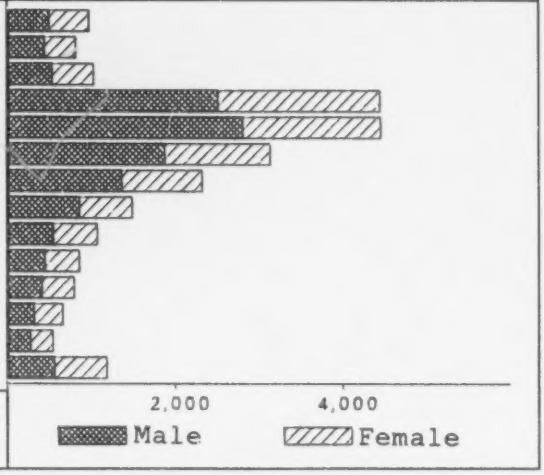
Note that 19 percent of New Mexico accidents involved teenagers, although teenagers comprise only 9 percent of New Mexico's drivers.

6.2 New Mexico Accident Driver Residence, 1982

Residence	Total	Fatal	Injury	Total
Local	51,607	111	16,896	
Elsewhere in NM	16,530	401	5,535	
Outside NM	6,465	128	2,085	
Unknown	12,081	160	2,322	
Total	86,683	800	26,838	20,000 40,000

6.3 New Mexico Accident Occupant Age and Sex, 1982

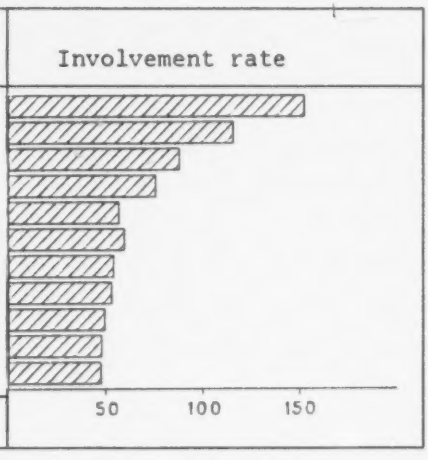
Age	Total	Male	Female
0-4	959	483	476
5-9	803	431	372
10-14	1,016	519	497
15-19	4,433	2,504	1,929
20-24	4,444	2,800	1,644
25-29	3,127	1,872	1,255
30-34	2,315	1,356	959
35-39	1,482	847	635
40-44	1,064	539	525
45-49	849	439	410
50-54	787	401	386
55-59	651	308	343
60-64	533	266	267
65 and over	1,180	552	628
Total	23,643	13,317	10,326



These are counts of persons killed or injured in accidents.

6.4 New Mexico Accident Involvement Rates, 1982

Age	Driver involvements	July 82 drivers	Inv. per 1,000 drivers
15-19	13,580	89,109	152.40
20-24	15,048	129,996	115.76
25-29	11,374	129,011	88.16
30-34	8,824	116,253	75.90
35-39	6,034	105,869	56.99
40-44	4,317	72,249	59.75
45-49	3,321	61,267	54.21
50-54	3,102	58,424	53.09
55-59	2,683	54,145	49.55
60-64	2,258	47,077	47.96
Over 64	4,615	97,017	47.57
Total	75,156	960,417	78.25



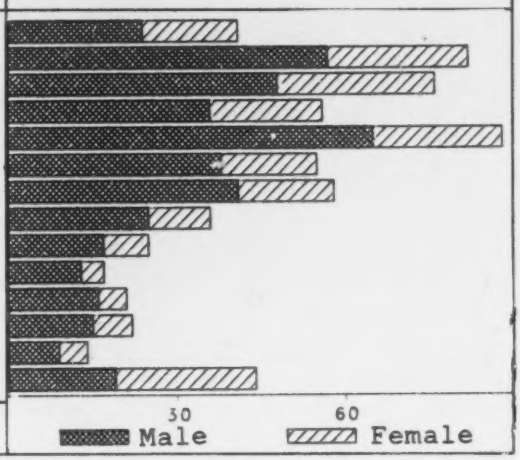
7.1 New Mexico Accident Seatbelt Usage and Injuries, 1982

Injury	Belt worn Number	Belt worn Percent	Belt not worn Number	Belt not worn Percent	Total Number	Total Percent
Killed	19	0.55	361	1.02	380	0.98
Incapacitating injury	122	3.52	2,955	8.39	3,077	7.95
Visible injury	468	13.51	6,094	17.30	6,562	16.96
Complaint of injury	1,041	30.04	8,608	24.43	9,649	24.93
Unhurt	1,815	52.38	17,216	48.86	19,031	49.18
Total	3,465	100.00	35,234	100.00	38,699	100.00

These are counts of occupants of passenger cars, pickups, vans and four wheel drive vehicles in fatal and injury accidents. On the basis of the above percent of seatbelt wearers killed, it is estimated that 167 lives would have been saved if all persons had been wearing seatbelts.

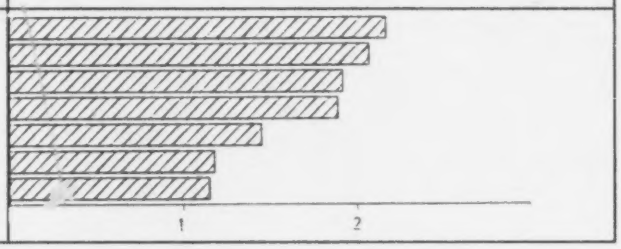
8.1 New Mexico Pedestrians in Accidents, 1982

Age	Total Killed	Total Inj.	Male Killed	Male Inj.	Female Killed	Female Inj
0-4	8	33	5	19	3	14
5-9	2	80	2	55	0	25
10-14	0	75	0	47	0	28
15-19	7	48	5	30	2	18
20-24	14	72	11	52	3	20
25-29	7	46	4	33	3	13
30-34	6	51	3	38	3	13
35-39	9	27	7	18	2	9
40-44	6	19	4	13	2	6
45-49	3	14	3	10	0	4
50-54	3	18	3	13	0	5
55-59	2	20	2	13	0	7
60-64	1	13	1	8	0	5
Over 64	13	31	7	12	6	19
Total	81	547	57	361	24	186

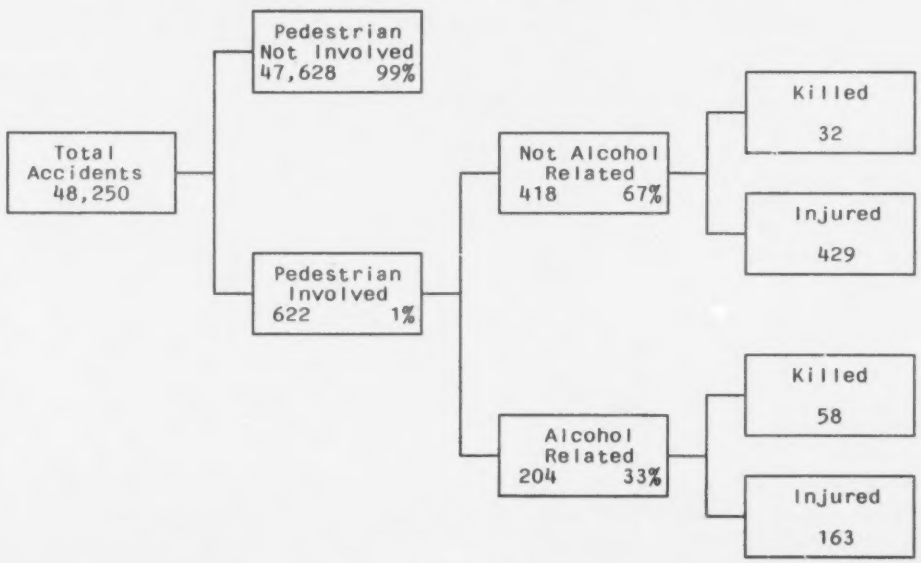


8.2 Seven Worst Counties by Pedestrian Death Rate, 1982

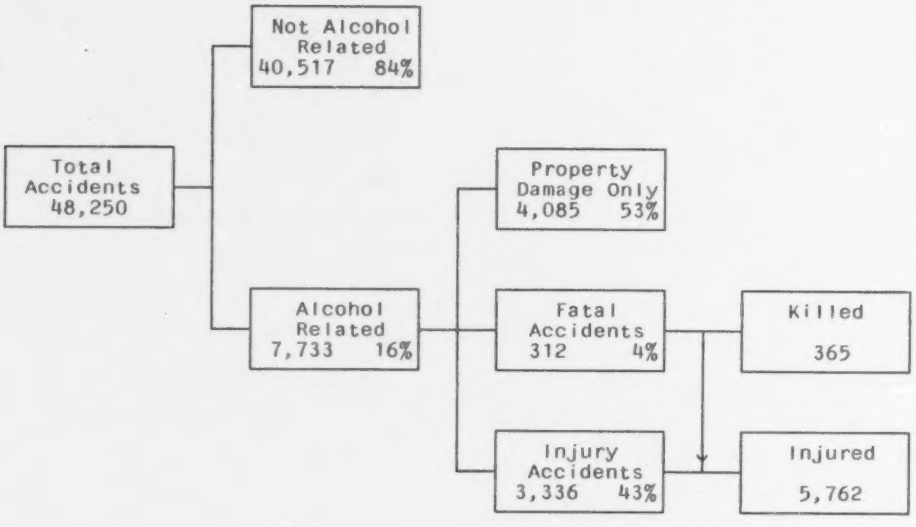
County	Pedestrians in accidents Total	Killed	Injured
San Juan	56	15	41
McKinley	76	13	62
Rio Arriba	20	5	13
Sierra	3	2	1
Valencia	13	3	10
Santa Fe	47	8	39
Grant	14	3	11



8.3 New Mexico Alcohol-involved Pedestrian Accidents, 1982



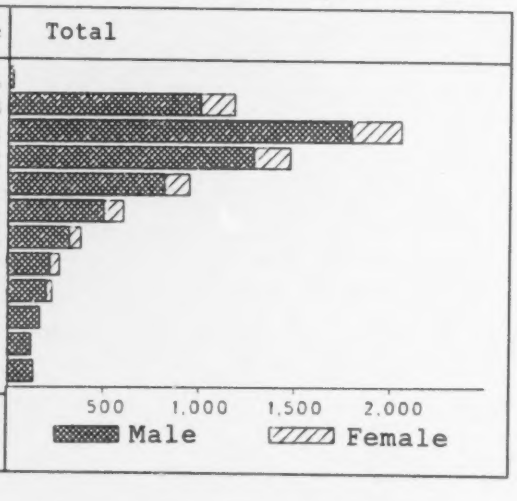
9.1 New Mexico Accidents by Alcohol Involvement, 1982



In this and similar tables, injury counts include persons injured in fatal accidents.

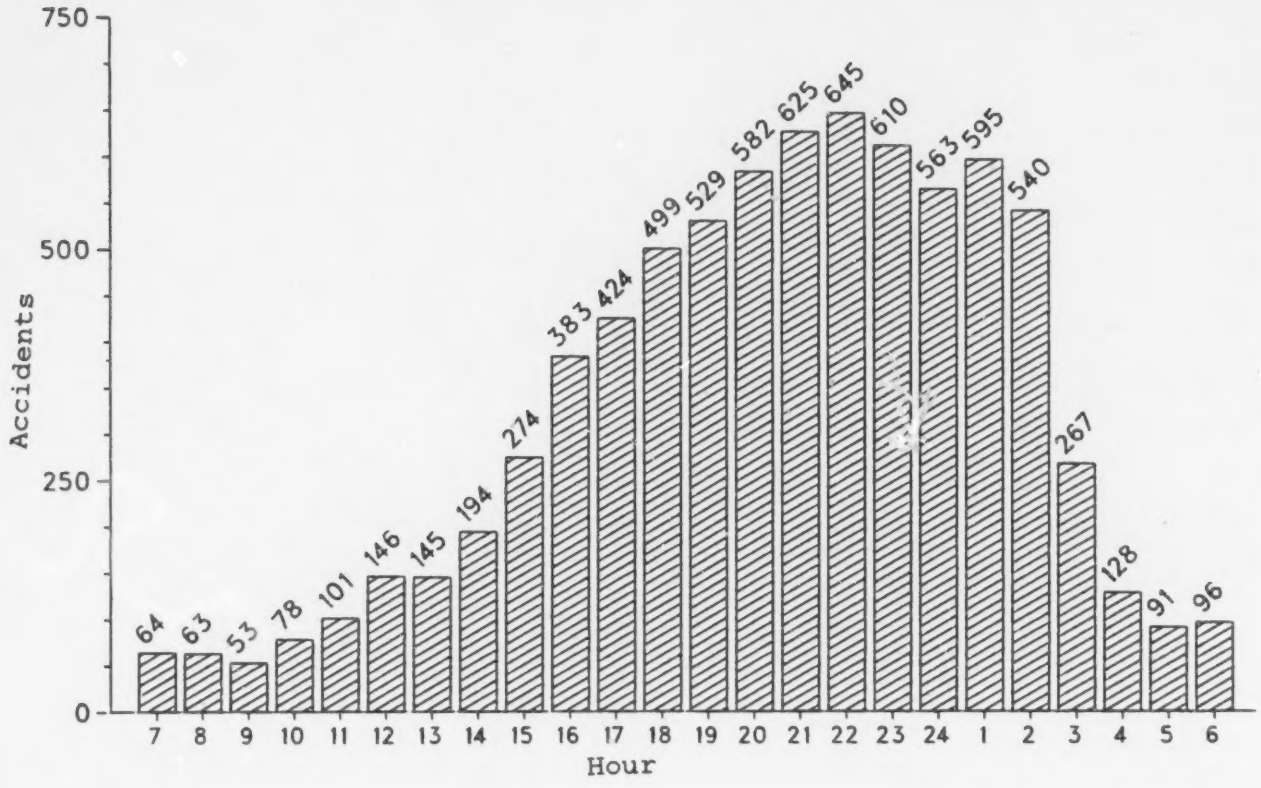
9.2 New Mexico Alcohol-involved Drivers in Accidents by Age and Sex, 1982

Age	Total	Male	Female
Under 15	32	26	6
15-19	1,185	1,007	178
20-24	2,059	1,796	263
25-29	1,477	1,285	192
30-34	950	819	131
35-39	606	501	105
40-44	383	321	62
45-49	271	220	51
50-54	232	201	31
55-59	185	168	17
60-64	135	123	12
over 64	150	134	16
Total	7,665	6,601	1,064



21% of the alcohol-involved drivers were under 21 years of age.

9.3 New Mexico Alcohol-involved Accidents by Hour of the Day, 1982

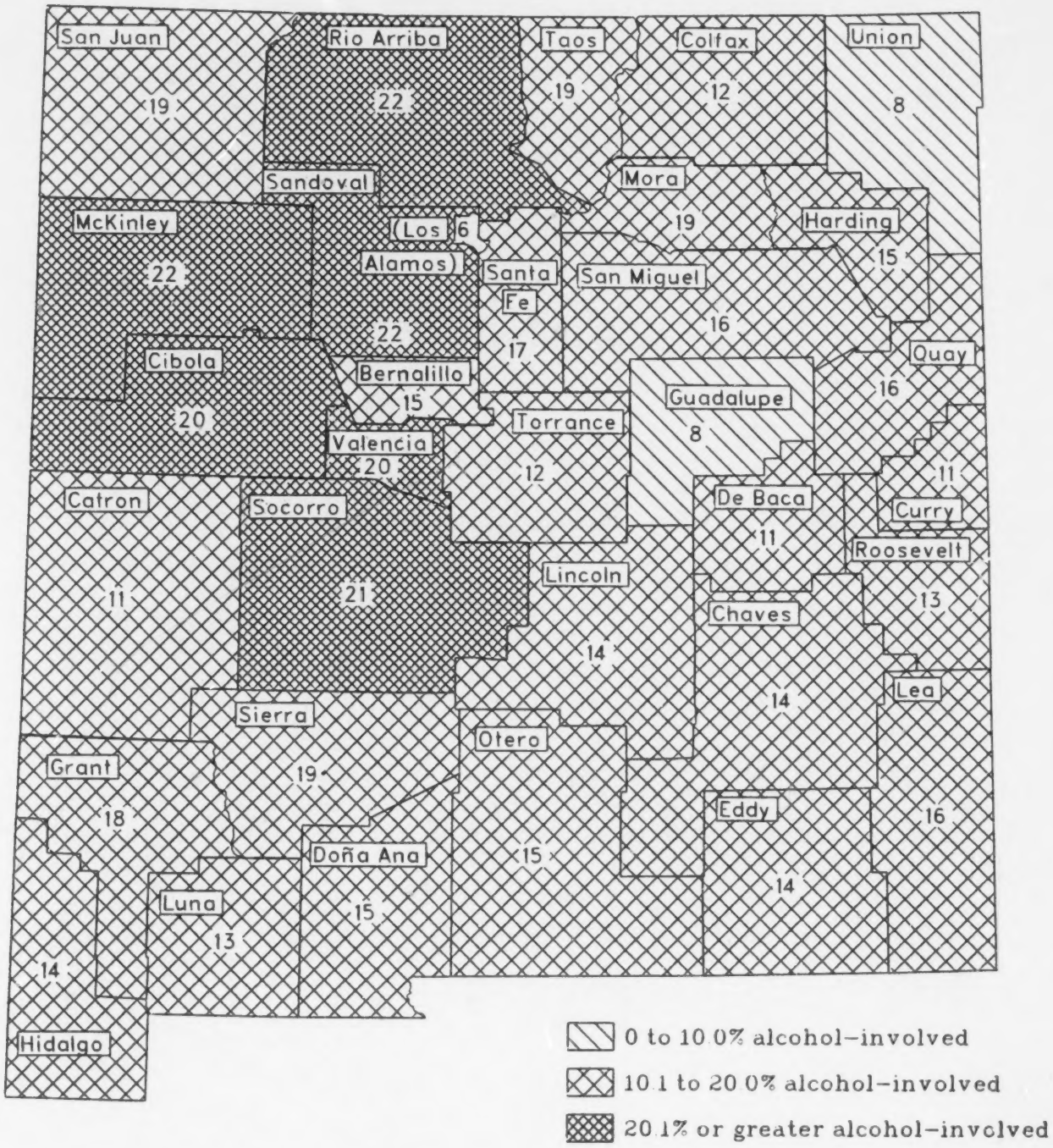


9.4 New Mexico Alcohol-involved Accidents by Day of the Week, 1982

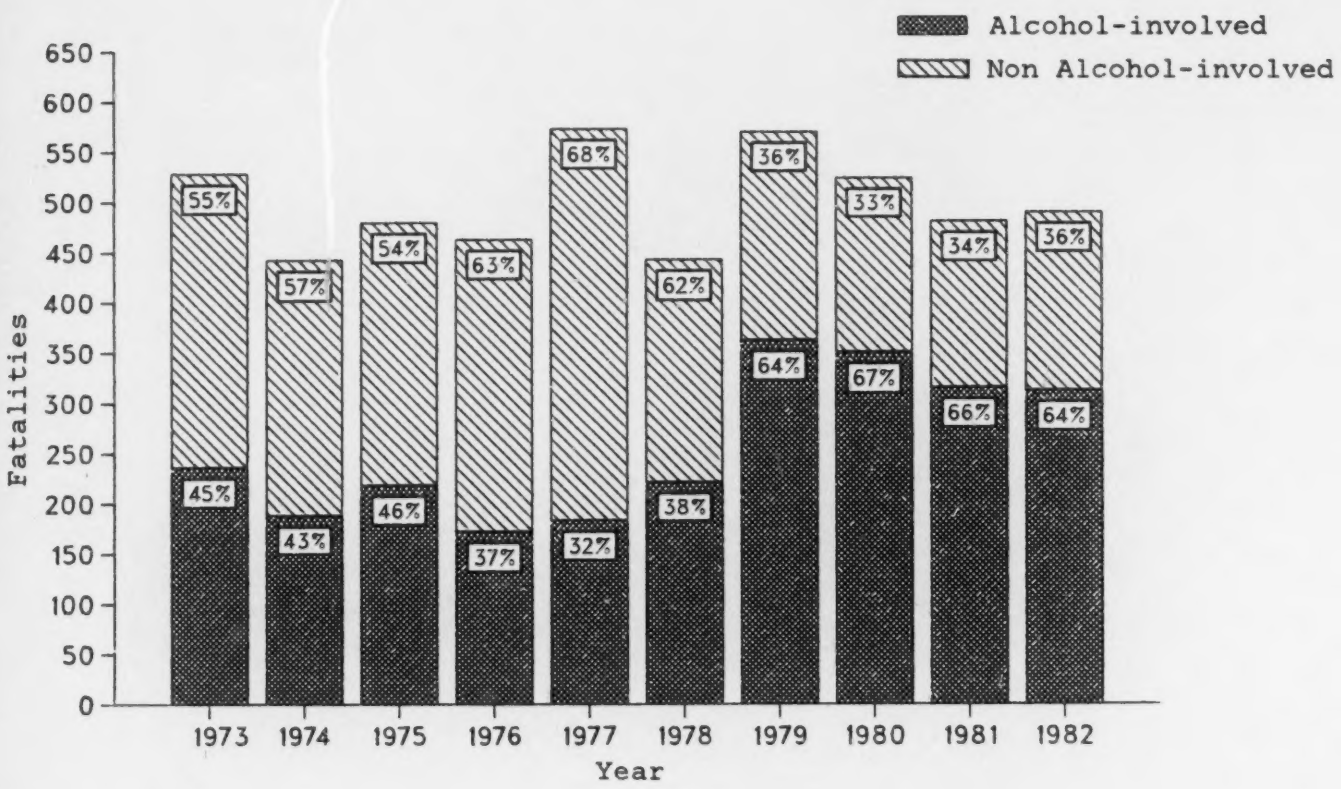
Day	Total	Fatal	Injury	Total
Sunday	1,319	53	587	
Monday	675	29	260	
Tuesday	703	22	303	
Wednesday	822	34	358	
Thursday	894	44	396	
Friday	1,377	48	606	
Saturday	1,943	82	826	
Total	7,733	312	3,336	500 1,000 1,500

Almost half of the accidents on Sunday occurred before 5 a.m.

9.5 Percent Alcohol-involved Accidents by County, 1982



9.6 New Mexico Fatal Alcohol-involved Accidents by Year, 1973-1982



Reporting of alcohol involvement improved considerably in 1979.

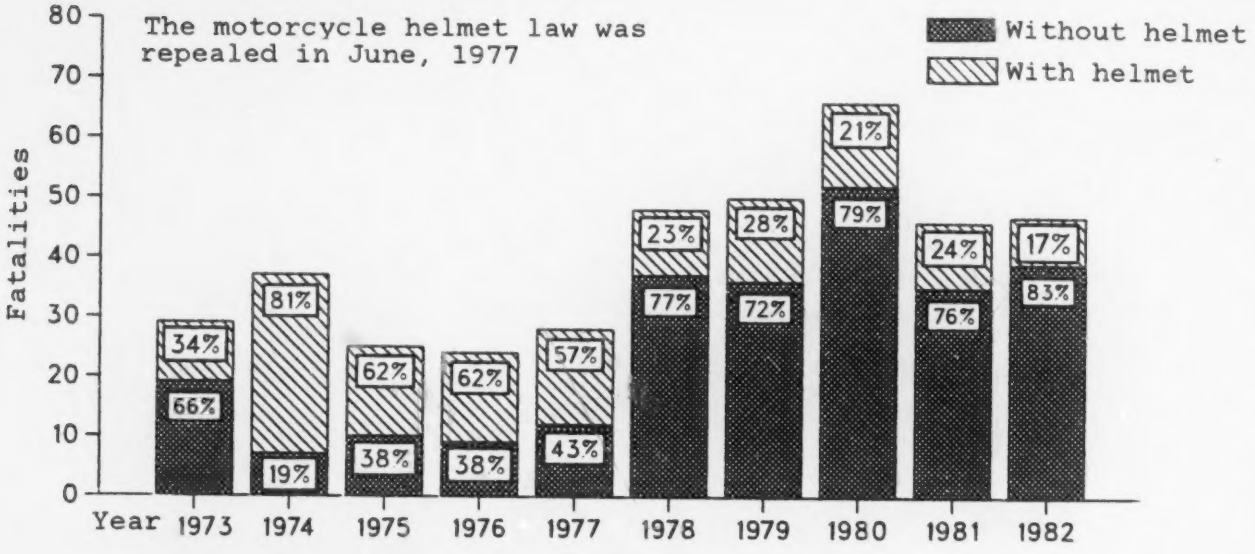
10.1 New Mexico Motorcycle Accident Trends, 1973 - 1982

Year	Number of accidents	Number of fatalities	Motorcycle registrations
1982	1,950	47	58,587
1981	2,022	46	52,810
1980	1,769	66	50,576
1979	1,842	50	46,803
1978	1,683	49	42,557
1977	1,543	28	38,750
1976	1,327	24	37,578
1975	1,215	27	35,152
1974	1,259	37	33,521
1973	1,348	29	27,321

10.2 New Mexico Helmet Usage and Injuries, 1982

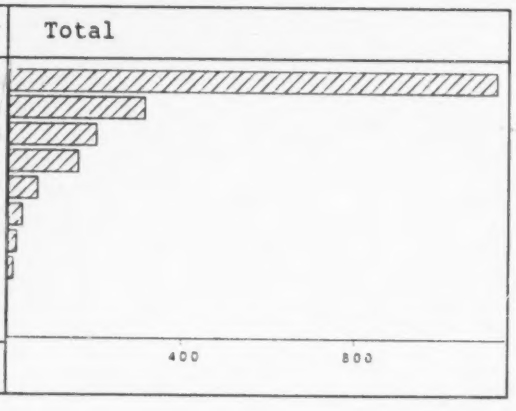
Injury	With helmet	Without helmet	Total
Killed	8	39	47
Incapacitating	208	383	591
Visible injury	319	591	910
Complaint	139	156	295
Unhurt	175	320	495
Total	849	1,489	2,338

10.3 New Mexico Motorcycle Fatalities, 1973 to 1982



10.4 New Mexico Motorcycle Accidents by Class, 1982

Class	Total	Fatal	Injury
Other vehicle	1,127	24	864
Overturn	313	8	278
Fixed object	202	9	168
Other non-collision	161	1	143
Parked vehicle	68	1	28
Animal	33	1	26
Pedestrian	20	1	19
Pedalcyclist	13	0	11
Other object	11	0	11
Veh. on other roadway	2	0	2
Total	1,950	45	1,550



10.5 New Mexico Motorcycle Accidents by Driver Age, 1982

Age	Accidents			Persons	
	Total	Fatal	Injury	Killed	Injured
Under 15	140	2	71	2	84
15-19	468	10	375	10	430
20-24	606	15	489	16	551
25-29	350	4	296	5	335
30-34	208	5	177	5	200
35-39	92	6	70	6	80
40-44	52	1	40	1	44
45-49	22	2	18	2	22
50-54	27	0	25	0	27
55-59	7	0	7	0	9
60-64	6	0	6	0	6
over 64	11	0	10	0	9
Total	1,989	45	1,584	47	1,797

11.1 New Mexico Traffic Accidents Involving Trains, 1963-1982

Year	Accidents				Persons	
	Total	Fatal	Injury	Property damage only	Killed	Injured
1982	20	2	5	13	2	7
1981	22	3	10	9	4	14
1980	31	4	11	16	5	16
1979	35	8	10	17	8	14
1978	33	7	8	18	8	13
1977	26	2	9	15	3	15
1976	34	7	10	17	8	16
1975	34	0	16	18	0	24
1974	43	4	14	25	6	19
1973	44	4	17	23	5	21
1972	34	4	7	23	8	12
1971	44	6	11	27	10	15
1970	29	2	8	19	3	9
1969	32	6	8	18	6	12
1968	29	3	12	14	6	18
1967	25	4	5	16	7	8
1966	25	5	7	13	6	16
1965	35	3	6	26	5	8
1964	33	5	12	16	6	20
1963	26	3	7	16	4	10

A little about

THE DIVISION OF GOVERNMENT RESEARCH

part of the INSTITUTE FOR APPLIED RESEARCH SERVICES at

THE UNIVERSITY OF NEW MEXICO

The Division of Government Research provides specialized information processing services and analysis to a wide range of clients in New Mexico. We are happy again to have prepared this annual report for the N.M. Traffic Safety Bureau. This report displays a very small fraction of the data and information we have available about traffic accidents and highway conditions. In preparing this report, we have drawn on files that we maintain for the N.M. Traffic Safety Bureau and the N.M. State Highway Department.

Of interest to those with responsibilities for highway safety are other products the Division has produced such as:

PAPS -- Project Area Problem Summaries -- for each county and municipality with more than 40 accidents in one year.

Intersection reports for municipalities over 5,000 population.

Collision diagrams of traffic accidents at intersections can be produced for many cities in New Mexico.

GRNDB -- Geographic Road Network Database -- provides comprehensive computer mapping capabilities for all state highways in New Mexico. Any data about rural highways in this report can be portrayed in geographic context by using the GRNDB.

ADDIP -- Apple Data Demonstration Integration Program -- illustrates our capability in assembling and displaying data from diverse files about accidents and roadway conditions for a section of Interstate 25.

For further information about our specialized services in this and other fields, please contact the Director -- Robert U. Anderson -- at 277-3305.

New Mexico Traffic Accident Fatalities by County, 1982